

FIG. 1



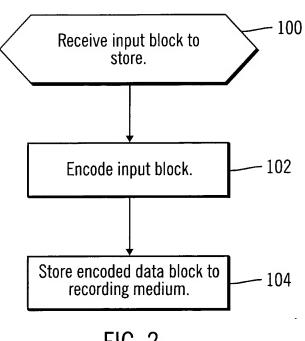


FIG. 2





	FIG. 3				
Uncoded	Encoded	Uncoded	Encoded	Uncoded	Encoded
Blocks	Blocks	Blocks	Blocks	Blocks	Blocks
<u>310</u>	<u>320</u>	<u>310</u>	<u>320</u>	<u>310</u>	<u>320</u>
00000000	100000010	00101100	100101100	01011000	110110100
00000001	010000001	00101101	100101101	01011001	110110101
00000010	010001110	00101110	110100010	01011010	100111010
00000011	110000010	00101111	110100011	01011011	101111010
00000100	000100001	00110000	110101100	01011100	100001000
00000101	000101110	00110001	110101101	01011101	100001001
00000110	010100001	00110010	001000010	01011110	100001010
00000111	100100001	00110011	001000011	01011111	100001011
00001000	100101110	00110100	001001100	01100000 01100001	010000100 010000101
00001001 00001010	110100001 110101110	00110101 00110110	001001101 101000010	01100001	010000101
00001010	001000001	00110110	101000010	01100010	010000110
00001011	001000001	00110111	101000011	01100111	010001111
00001100	101000001	00111001	101001100	01100101	010001000
00001101	101000001	00111010	001100010	01100110	010001010
00001111	111000010	00111011	101100010	01100111	010001011
00010000	001010001	00111100	011000010	01101000	110001000
00010001	100010001	00111101	011100010	01101001	110001001
00010010	100011010	00111110	111000100	01101010	110001010
00010011	010011110	00111111	111000101	01101011	110001011
00010100	110011010	01000000	001010010	01101100	000100100
00010101	010111110	01000001	001010011	01101101	000100101
00010110	011110010	01000010	100010100	01101110	000100110
00010111	011111010	01000011	100010101	01101111	000100111
00011000	110110010	01000100	101010001	01110000	000101000
00011001	110111010	01000101 01000110	101010100 010011100	01110001 01110010	000101001 000101010
00011010 00011011	100000100 100000101	01000110	010011100	01110010	000101010
00011011	0100000101	01000111	0010111101	01110111	010100100
00011101	010000010	01001000	101011110	01110101	010100101
00011110	0100011100	01001010	011011010	01110110	010100110
00011111	010001101	01001011	111011010	01110111	010100111
00100000	110000100	01001100	000110010	01111000	010101000
00100001	110000101	01001101	001110010	01111001	010101001
00100010	000100010	01001110	000111010	01111010	010101100
00100011	000100011	01001111	001111010	01111011	010101101
00100100	000101100	01010000	010110010	01111100	100100100
00100101	000101101	01010001	010110011	01111101	100100101
00100110	010100010	01010010	010111100	01111110	100100110
00100111	010100011	01010011	010111101	01111111	100100111
00101000	010101011	01010100	011110100	10000000	100101000
00101001 00101010	010101110 100100010	01010101 01010110	011110101 100110010	10000001 10000010	100101001 100101010
00101010	100100010	01010111	101110010	10000010	100101011





	N	Modulation Co	de <u>300</u> (con't)	FIG. 3 (con't)				
Uncoded	Encoded	Uncoded	Encoded	Uncoded	Encoded			
Blocks	Blocks	Blocks	Blocks	Blocks	Blocks			
<u>310</u>	<u>320</u>	<u>310</u>	<u>320</u>	<u>310</u>	<u>320</u>			
10000100	110100100	10110000	010011000	11011100	100010110			
10000101	110100101	10110001	010011001	11011101	100010111			
10000110 10000111	110100110 110100111	10110010 10110011	010011010 010011011	11011110 11011111	101010110 101010111			
10000111	110100111	10110111	0010111100	11100000	010010111			
10001000	110101001	10110101	001011101	11100001	010010011			
10001010	110101010	10110110	101011100	11100010	011010010			
10001011	110101011	10110111	101011101	11100011	011010011			
10001100	001000100	10111000	000110100	11100100	110010010			
10001101	001000101 001000110	10111001 10111010	000110101 001110100	11100101 11100110	110010011 111010010			
10001110 10001111	001000110	10111010	001110100	11100110	111010010			
10001111	001001111	10111100	010110100	11101000	001011000			
10010001	001001001	10111101	010110101	11101001	001011001			
10010010	001001010	10111110	010110110	11101010	001011010			
10010011	001001011	10111111	010110111	11101011	001011011			
10010100	101000100	11000000	010111000	11101100 11101101	101011000 101011001			
10010101 10010110	101000101 101000110	11000001 11000010	010111001 010111010	11101101	101011011			
10010111	101000110	11000010	010111011	11101111	101011011			
10011000	101001000	11000100	100110100	11110000	010010100			
10011001	101001001	11000101	100110101	11110001	010010101			
10011010	101001010	11000110	101110100	11110010	010010110			
10011011	101001011 001100100	11000111 11001000	101110101 001101000	11110011 11110100	010010111 110010100			
10011100 10011101	001100100	11001000	001101000	11110100	110010101			
10011101	101100101	11001001	001101010	11110110	110010101			
10011111	101100101	11001011	001101011	11110111	110010111			
10100000	111001000	11001100	101101000	11111000	011010100			
10100001	111001001	11001101	101101001	11111001	011010101			
10100010	111001010	11001110	101101010 101101011	11111010	011010110 011010111			
10100011 10100100	111001011 011000100	11001111 11010000	011001011	11111011 11111100	111010111			
10100100	011000100	11010000	011001000	11111101	111010101			
10100110	011100100	11010010	011001010	11111110	111010110			
10100111	011100101	11010011	011001011	11111111	111010111			
10101000	001010100	11010100	011101000					
10101001	001010101	11010101	011101001					
10101010	001010110 001010111	11010110 11010111	011101010 011101011					
10101011 10101100	010010111	11010111	100010010					
10101101	110010001	11011000	100010010					
10101110	011010001	11011010	101010010					
10101111	111010001	11011011	101010011					



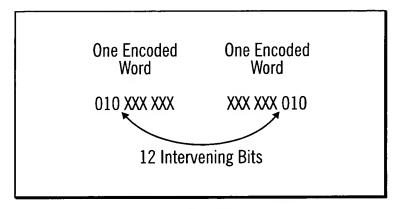


FIG. 4



Encoded Blocks <u>520</u>

Modulation Code 500*

Unencoded Blocks

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.IG. 5

 $a_{5}^{a_{5}}$

*The above modulation code 500 may be used, in certain implementations, for all 9 bit unencoded blocks except for the block "001111111", which in certain cases encodes instead to the 10 bit block "0110000111".

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OCT 03 2005

Modulation Code 600

0 0 0 0 0 1 1 1 1

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-16.6

Encoded Sequences 620 000001119990000333333 a_{8}^{a} a_{8}^{a} a_{6}^{a} a_{1}^{a} a_{1}^{a} a_{1}^{a} a_{2}^{a} a_{3}^{a} a_{3}^{a} $^{-1}$ $\frac{3}{1}$ **Jnencoded Sequences** $a_{2}^{a_{2}}$ $a_{3}^{a_{3}}$ $a_{3}^{a_{3}}$ $a_{5}^{a_{5}}$
